

MANUFACTURING

| No | Sample Preparation Condition                                 | Spin Density (spins/cm <sup>3</sup> ) | g - value |
|----|--|---------------------------------------|-----------|
| 1  | 560°C, 4h  | $3.22 \times 10^{18}$                 | 2.0055    |
| 2  | 550°C, 4h  | $7.72 \times 10^{18}$                 | 2.0055    |
| 3  | (550°C, 4h) + LC   | $8.21 \times 10^{18}$                 | 2.0057    |
| 4  | (550°C, 4h) + LC + (550°C, 4h)                               | $7.65 \times 10^{17}$                 | 2.0051    |
| 5  | 600°C, 24h   | $1.06 \times 10^{18}$                 | 2.0052    |
| 6  | 600°C, 24h ( <sup>WITHOUT</sup> <del>N<sub>x</sub>Ni</del> ) | $3.06 \times 10^{18}$                 | 2.0049    |

Fig. 8